

# COPY

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Page 1 of 2

IFW ✓

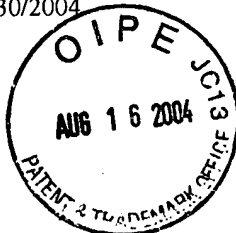


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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P.O. Box 1450  
Alexandria, Virginia 22313-1450  
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/769,543	01/30/2004	Donald E. Tilton	IS9-020

021567  
WELLS ST. JOHN P.S.  
601 W. FIRST AVENUE, SUITE 1300  
SPOKANE, WA 99201



CONFIRMATION NO. 2271

### FORMALITIES LETTER



\*OC000000012988574\*

Date Mailed: 06/18/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

### Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$9 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

### SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$459** for a Small Entity


- |   |                                       |           |
|---|---------------------------------------|-----------|
| • \$385 Statutory basic filing fee.                         | 08/18/2004 BSAYASI1 00000092 10769543 |           |
| • \$65 Late oath or declaration Surcharge.                  | 01 FC:2001                            | 385.00 OP |
|   | 02 FC:2051                            | 65.00 OP  |
|   | 03 FC:2202                            | 9.00 OP   |
| • Total additional claim fee(s) for this application is \$9 |                                       |           |

- \$9 for 1 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice MUST be returned with the reply.*

A handwritten signature in black ink, appearing to be 'Indis', written over a horizontal line.

Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 1 - ATTORNEY/APPLICANT COPY



EV372454830

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 10/769,543  
Filing Date ..... January 30, 2004  
Inventor ..... Tilton et al.  
Assignee ..... Isothermal Systems Research, Inc.  
Group Art Unit ..... 2841  
Examiner ..... Unknown  
Attorney's Docket No. .... IS9-020  
Customer No. .... 021567  
Title: Three Dimensional Packaging And Cooling Of Mixed Signal, Mixed  
Power Density Electronic Modules

**TRANSMITTAL LETTER**

To: Mail Stop Missing Parts  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

From: Wells St. John P.S.  
601 W. First Avenue, Suite 1300  
Spokane, WA 99201-3828  
Telephone: (509) 624-4276  
Fax: (509) 838-3424

**Enclosed are:**


- 1) Return Receipt Postcard
- 2) Transmittal Letter
- 3) Check #143739 for \$499.00
- 4) Fee Transmittal (in duplicate for fee processing)
- 5) Notice to File Missing Parts of Nonprovisional Application
- 6) Declaration of Joint Inventors for Patent Application
- 7) Verified Statement Claiming Small Entity Status – Independent Inventor
- 8) Verified Statement Claiming Small Entity Status – Small Business Concern
- 9) Assignment with Recordation Form Cover Sheet

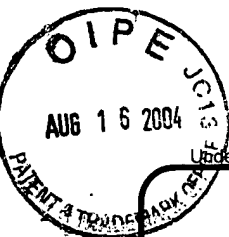
☒ Small Entity Status is claimed.

☐ Large Entity Status Applies.

**Deposit Account Authorization** - The Commissioner is hereby authorized to charge payment of fees or credit overpayment to Deposit Account No. 23-0925 in connection with: any patent application processing fees under 37 CRF 1.17; and any filing fees under 37 CRF 1.16 for the presentation of extra claims.

Date: 8-16-04

By:   
Mark W. Hendricksen  
Reg. No. 32,356



EV372454830

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 499.00

**Complete if Known**

Application Number	10/769,543
Filing Date	January 30, 2004
First Named Inventor	Tilton et al.
Examiner Name	Unknown
Art Unit	2841
Attorney Docket No.	IS9-020

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

23-0925

Wells St. John P.S.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	385.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ ) 385.00</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
21	-20** = 1	9.00	9.00
1	-3** = 0	0.00	0.00
Multiple Dependent			0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ ) 9.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	65.00
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ ) 105.00**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Mark W. Hendricksen	Registration No. (Attorney/Agent)	32,356	Telephone	509/624-4276
Signature		Date	8-16-04		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

**SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.